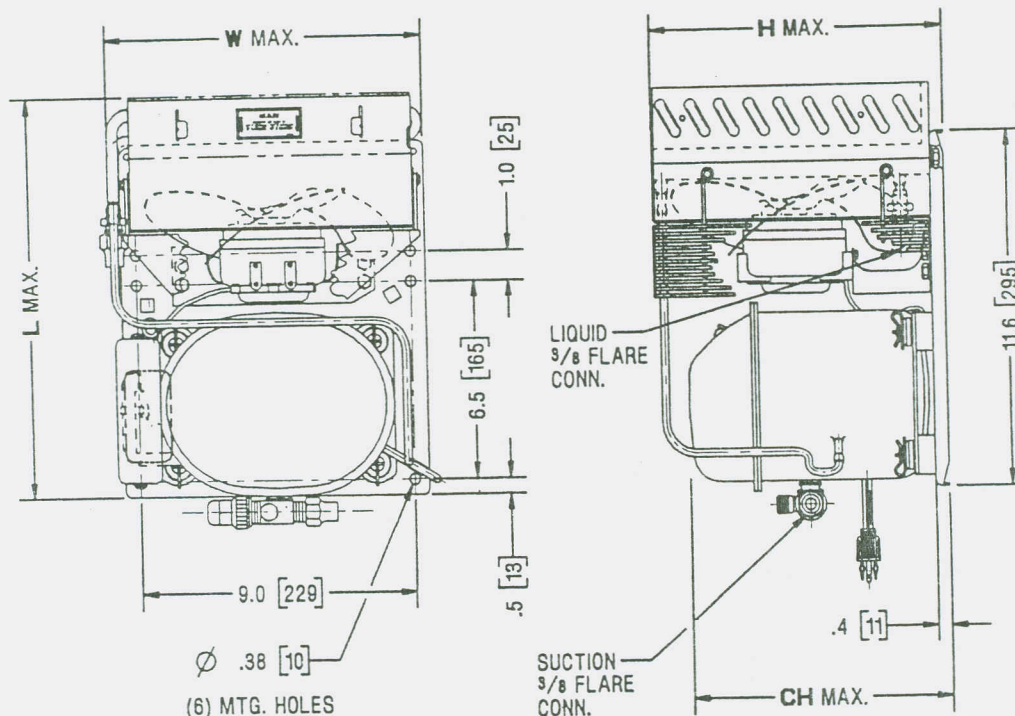




TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

MODEL AEA4430AXAXA (Formerly AE4430AA) R-12 1/4 HP AIR COOLED



NOTE!
DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA4430AXAXA	14.2	11.0	9.8	8.5	3/8 F	3/8 F	2.9#	280	10	40
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections Factory charge: 20 psig nitrogen - MUST BE EVACUATED 60 HZ Performance										
Approved Evap. Range		Ambient								
		90 ° F			100 ° F			110 ° F		
° F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
+20	21.0	2030	380	130	1880	390	145	1630	398	158
25	24.6	2180	415	138	2030	420	152	1870	425	168
30	28.4	2375	440	146	2230	448	162	2060	456	178
35	32.6	2600	468	156	2450	478	174	2270	488	188
40	37.0	2830	498	168	2675	510	184	2500	520	204
45	41.7	3080	530	180	2930	542	200	2750	558	220

65 ° F return gas temp., 5 ° F subcooling

SPECIFICATIONS AEA4430AXAXA

Nominal Voltage ----- 115-60-1

Unit B/M ----- 2B430-9

Voltage Range ----- 126.5 to 103.5

Min. Circuit Ampacity -- 6.8

Max. Fuse Size (Amps) -- 15

Compressor Model ----- AEA4430AXA

Bill of Material -- AE155AL-238

RLA/LRA ----- 5.0/29.0

Fan RLA ----- .50

ESP Overload ----- P83940

ESP Relay ----- P82928

Start Cap.----- 85PS110C76

Rating ----- 243-292/110

Fan Motor ----- TFM61

Shroud ----- 70735-1

Fan Motor Brckt --- 57145

Fan Blade ----- 51558

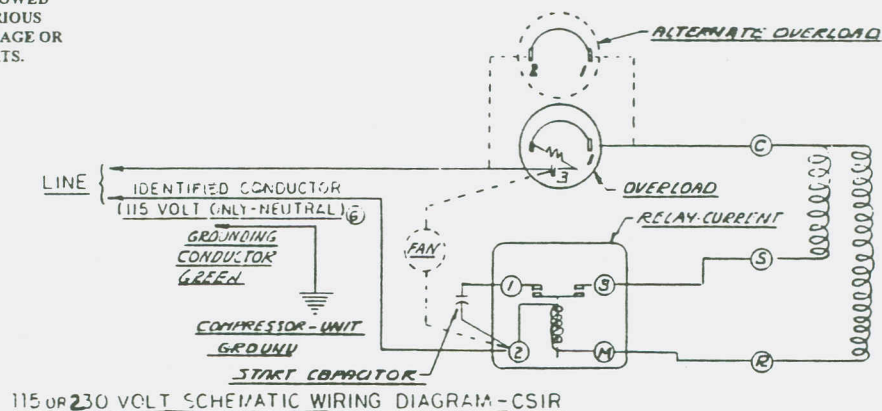
Suction Valve ----- 31580-1

Condenser ----- 50801-5

Unit Drawing ----- SU1896-55

Schematic or Elect. Dwg. ---- DEAE-10

WARNING-WIRING DIAGRAM MUST BE FOLLOWED
AS SHOWN. ANY MISWIRING CAN CAUSE SERIOUS
ELECTRICAL HAZARD AND POTENTIAL DAMAGE OR
RUPTURE OF COMPONENT ELECTRICAL PARTS.



1. WHEN FAN IS USED HOOK UP AS SHOWN.
2. IDENTIFIED CONDUCTOR-MAY BE WHITE OR RIBBED (115 VOLT ONLY-NEUTRAL).
3. ASSEMBLE PARTS AS SHOWN IF SPECIFIED ON B/M.

DEAE-10